

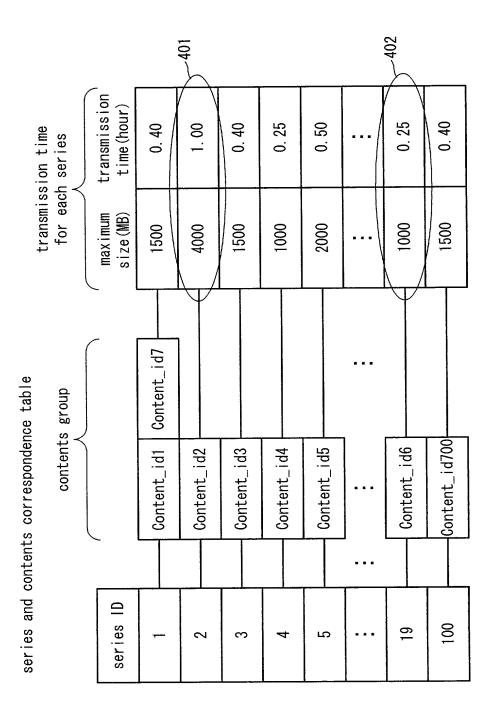
F1G. 2

contents information

-201 -201 all the country Hokkaido Hokkaido all the country all the country Kyushu Kanto area Tokai size(MB) 4000 1500 1000 2000 1000 1000 1000 contents attributes 500 update frequency once a week once a week force start once a day billing Bronze Silver Silver 60 l d 60 l d 20 2 2 Content_ID 700 2 က Ŋ 9 4

						301					302	
		area	all the	country	all the country	Hokkaido	Tokai	Kyushu	Kanto	m #1	Hokkaido	
	outes	maximum size(MB)	art	1	2000	4000	2000	2000	4000		1000	
	attributes	update frequency	series for force start	force start	once a day	once a day	once a week	once a week	once a day		once a day	
		billing	seri	no	no	gold	Silver	Bronze	Silver		Gold	
series table		series ID	100	3	_	2	3	4	5	•••	19	20
6 513	, , , , , , , , , , , , , , , , , , ,						+ 000	portion				standby

F16. 4



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		3
	1	

-	4		attributes	outes		
series_ID	2	billing	update frequency	transmission time(hour)	area	
100	0	no	force start	0.40	all the country	
_		01	once a day	0.40	all the country	
	2	Gold	once a day	1.00	Hokkaido	501
	19	Gold	once a day	0. 25	Hokkaido	
	3	Silver	once a week	0.40	Tokai	
	4	Bronze	once a week	0. 25	Kyushu	
	5	Silver	once a day	0.50	Kanto	
	100	no	force start	0.40	all the country	
					• • •	
	100	no	force start	0.40	all the country	
	_	OU	once a day	0.40	all the country	
	2	р ј ођ	once a day	1.00	Hokkaido	
	19	p l o g	once a day	0. 25	Hokkaido	
						•

broadcast schedule (3/13/2001)

broadcast time				-	
	0		attributes		episode_
	ser res_IU	billing	actual size(MB)	area	number
0:00~0:24	100	no	1500	all the country	13
0:24~0:48	—	no	1500	all the country	5
0:48~1:48	2	p o9	4000	Hokkaido	5
1:48~2:03	19	Gold	1000	Hokkaido	5
2:03~2:27	3	Silver	1500	Tokai	4
2:27~2:42	4	Bronze	1000	Kyushu	က
2:42~3:12	5	Silver	2000	Kanto	5
3:12~3:36	100	0U	1500	all the country	14
21:57~22:21	100	0U	1500	all the country	20
22:21~22:45		no	1500	all the country	5
22:45~23:45	2	Gold	4000	Hokkaido	5
23:45~24:00	19	go I d	1000	Hokkaido	5

r/G. 7

													_				_		
													episode	Inilibai	100	701			
											preset information		transmission	pacii	100	701			
													/ preset	רווופ	2:03 to 2:27	March 13			
				- 701									(707	,	store and	register		
nber table	transmission path (service ID)	105	101	102	103	104	39		- 7	101	transmission path (service ID)	105	101	102	103	104	.		101
inal episode_number table	stored final episode_number	5	5	3	3	2		•		വ	stored final episode_number	5	5	4	3	5	#	• •	5
stored final	series_ID	-	2	3	4	5	-	-	•	19	series_ID		2	62	4	5	-		19
				∀										V					

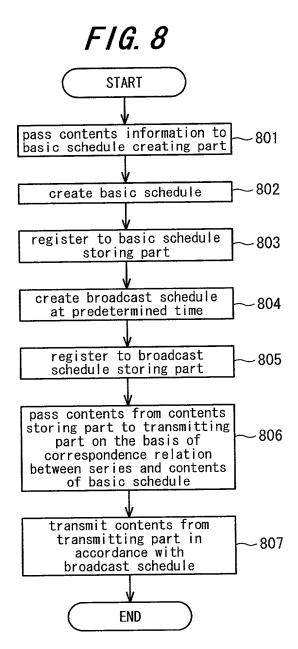
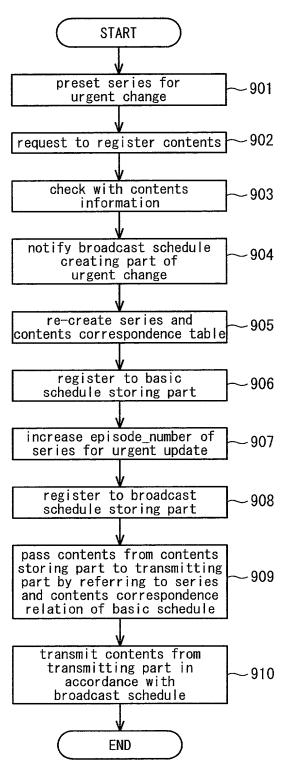
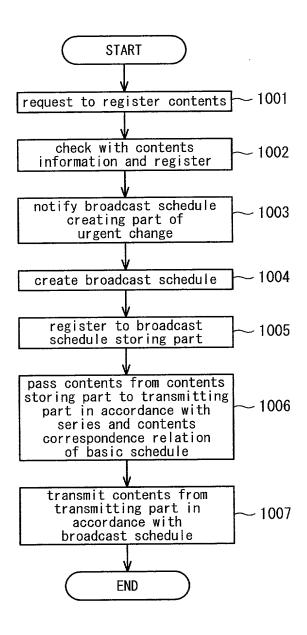


FIG. 9



F/G. 10



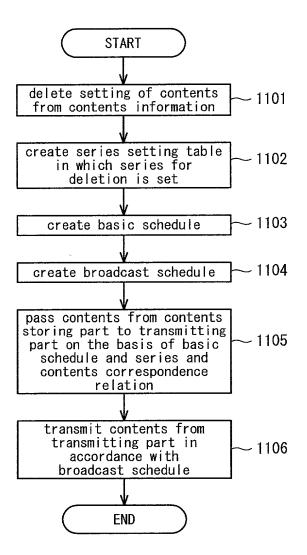
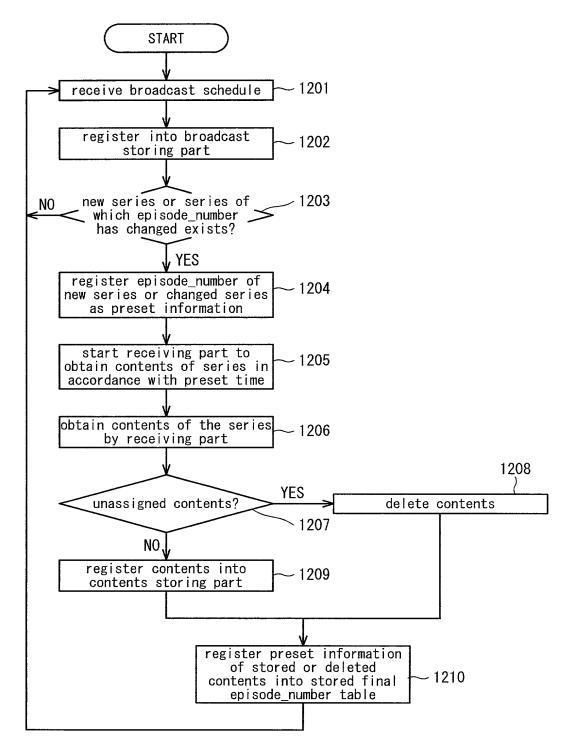


FIG. 12



setting table
series
13
<i>'G.</i>

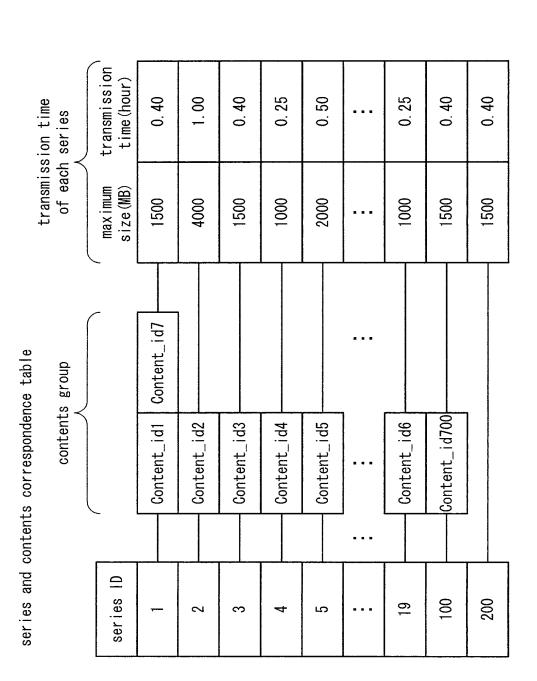
G. / S.					
	2		attributes	butes	
	series in	billing	update frequency	maximum size(MB)	area
	100	Jes	series for force start	art	all the
	00	no	force start	2000	country
	-	no	once a day	2000	all the country
	2	plob	once a day	4000	Hokkaido
preset portion	3	Silver	once a week	2000	Tokai
	4	Bronze	once a week	2000	Kyushu
	വ	Silver	once a day	4000	Kanto
)	•••			•••	•••
	19	ргођ	once a day	1000	Hokkaido
standby portion	20	•••		•••	
,		**************************************			

broadcast schedule (3/12/2001)

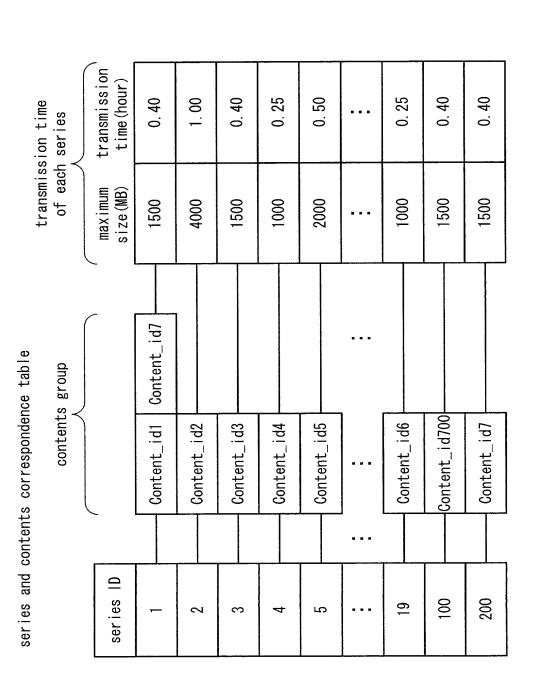
broadcast	<u>-</u>		attributes		episode
time	series_ID-	billing	actual size(MB)	area	_number_
0:00~0:24	100	0U	1500	all the country	5
0:24~0:48	1	no	1500	all the country	4
0:48~1:48	2	go I d	4000	Hokkaido	4
1:48~2:03	19	go I d	1000	Hokkaido	4
2:03~2:27	3	Silver	1500	Tokai	4
2:27~2:42	4	Bronze	1000	Kyushu	2
2:42~3:12	5	Silver	2000	Kanto	4
3:12~3:36	100	no	1500	all the country	9
* * *					
21:57~22:21	100	no	1500	all the country	12
22:21~22:45	1	no	1500	all the country	4
22:45~23:45	2	Gold	4000	Hokka i do	4
23:45~24:00	19	gold	1000	Hokkaido	4

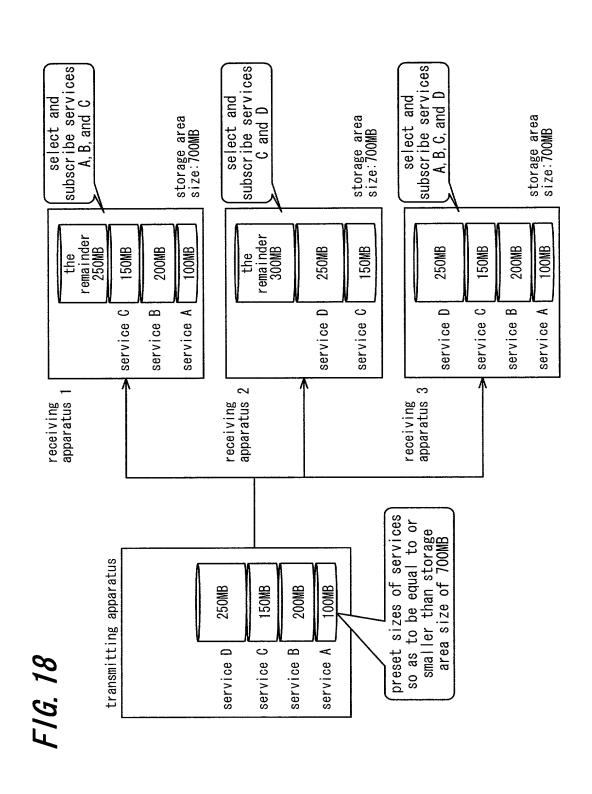
16.15	series setting	s table in which	series setting table in which series for urgent change is		set
	Ol series		attributes	oures	
	961 169 10	billing	update frequency	maximum size(MB)	area
	100	Jes	series for force start	art	all the
	00	0U	force start	2000	country
	200	υu	urgent change	2000	all the country
	1	ou	once a day	2000	all the country
preset	2	рјођ	once a day	4000	Hokkaido
	3	Silver	once a week	2000	Tokai
	4	Bronze	once a week	2000	Kyushu
	5	Silver	once a day	4000	Kanto
/		• • •		•••	***
standby	19	p o9	once a day	1000	Hokkaido
portion	.: :				
)					

F/G. 16

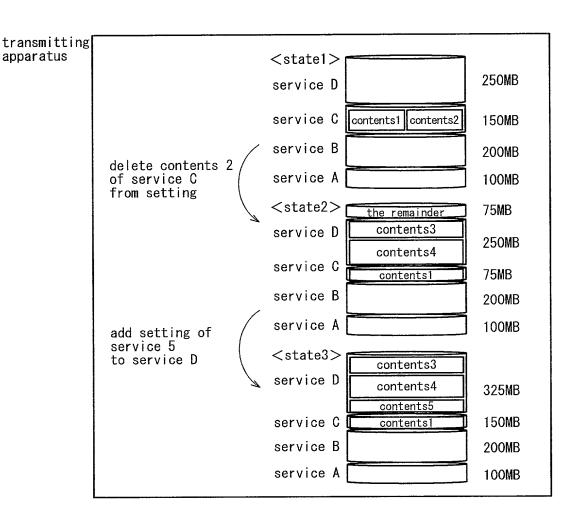


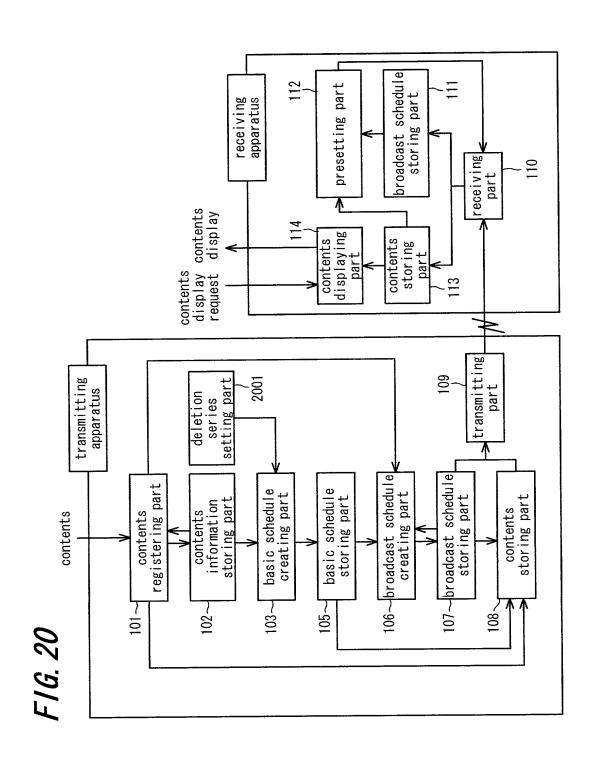
F16. 17





F/G. 19



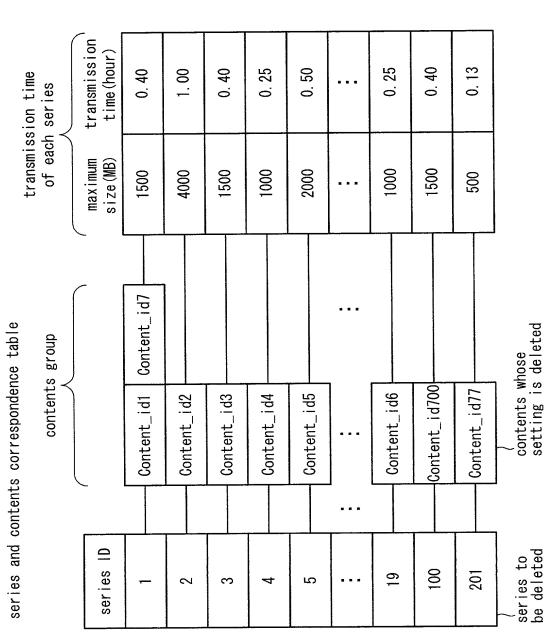


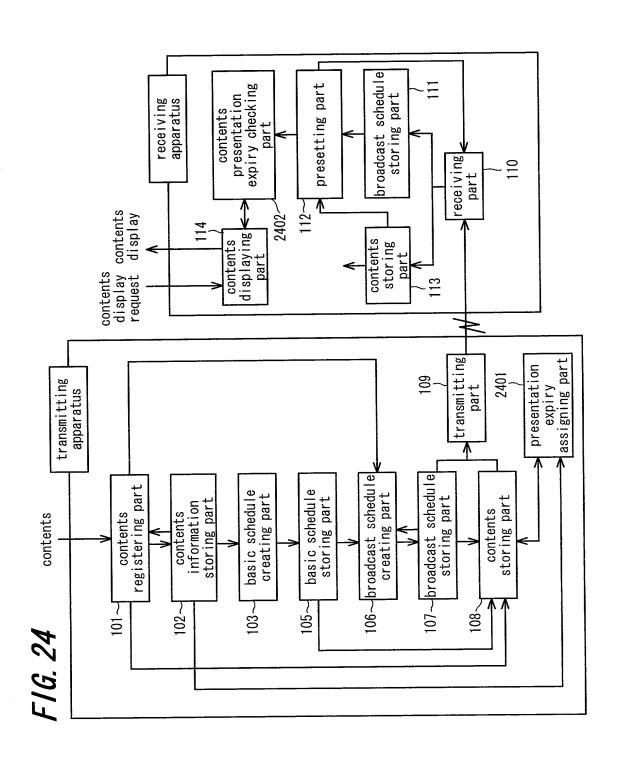
.		area	all the	country	all the country	all the country	Hokkaido	Tokai	Kyushu	Kanto	 Hokkaido	
deletion is se	outes	maximum size(MB)	art	2000	2000	2000	4000	2000	2000	4000	 1000	•••
ich series for o	attributes	update frequency	series for force start	force start	deletion	once a day	once a day	once a week	once a week	once a day	 once a day	
series setting table in which series for deletion is set		billing	seri	no	no	no	Gold	Silver	Bronze	Silver	 p o9	
series setti	-	series ID	Ç.	3	201	-	2	က	4	5	 19	20
16 01	/ a. 21						preset				Nabach o	portion

F/G. 22 contents information

+ + + + + + + + + + + + + + + + + + + +		contents attributes	ttributes		deletion
	billing	update frequency	size(MB)	area	
-	no	once a day	500	all the country	
2	Gold	once a day	4000	Hokkaido	
æ	Silver	once a week	1500	Tokai	
4	Bronze	once a week	1000	Kyushu	
വ	Silver	once a day	2000	Kanto	
9	60 l d	once a day	1000	Hokkaido	
7	OU	once a day	1000	all the country	
77	60 l d	once a day	1000	all the country	0
700	no	force start	1000	all the country	

F16.23





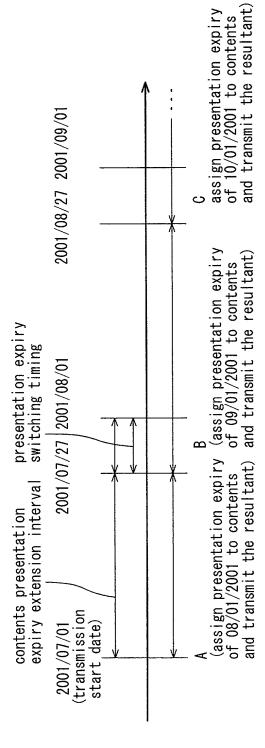
contents information

-			contents attributes	nttributes		
Content_1D	billing	update frequency	size(MB)	area	start date	end date
_	no	once a day	200	all the country	2001/10/01	2002/09/30
2	Gold	once a day	4000	Hokka i do	2001/07/01	2002/03/31
3	Silver	once a week	1500	Tokai	2001/07/01	2002/09/30
4	Bronze	once a week	1000	Kyushu	2001/10/01	2002/03/31
5	Silver	once a day	2000	Kanto	2001/04/01	2002/03/31
9	Gold	once a day	1000	Hokkaido	2001/07/01	2002/09/30
7	no	once a day	1000	all the country	2001/10/01	2002/09/30

contents presentation expiry extension interval table

1 month		
contents presentation expiry	extension interval	

F1G. 27



correspondence table of presentation expiry assigned to contents of Content_id2 and assignment period

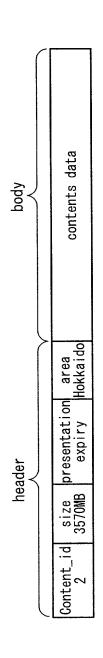
presentation expiry to be	assignment period
assigned	accignment per ten
2001/08/01	2001/07/01~2001/07/26
2001/09/01	2001/07/27~2001/08/26
2001/10/01	2001/08/26~2001/09/25

FIG. 29

presentation expiry switching timing table

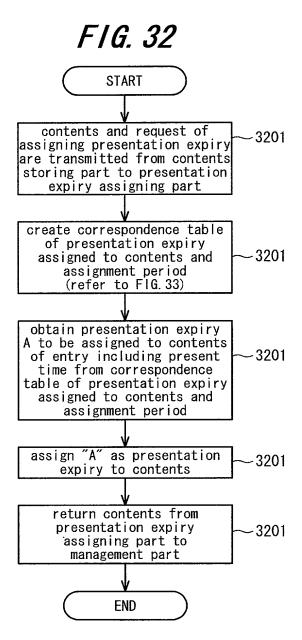
presentation expiry	5 days before	
switching timing	expiry	

F/G. 30



contents management table

Content_id	size(MB)	storage destination	presentation expiry
1	1245	0x8900	2001/08/01
2	3570	0x763A	2001/08/01
3	980	0X12F7	2001/08/01



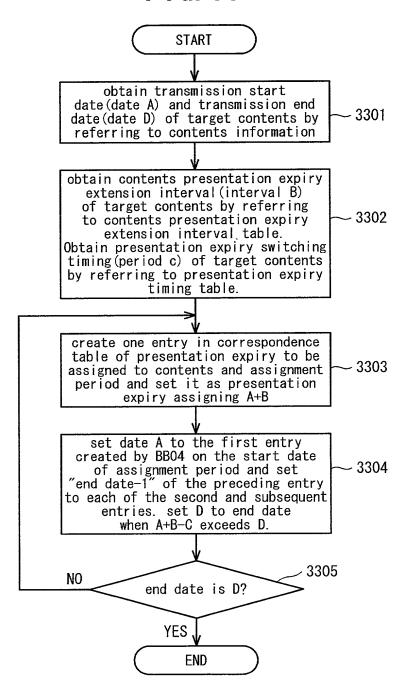
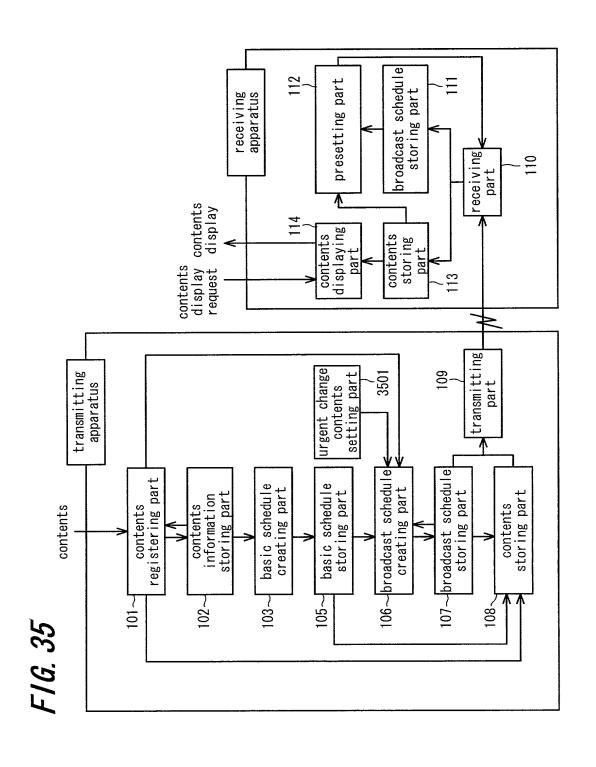


Table of policy of setting series for force start

policy c	of setting force sta	for	every	2.8 hours



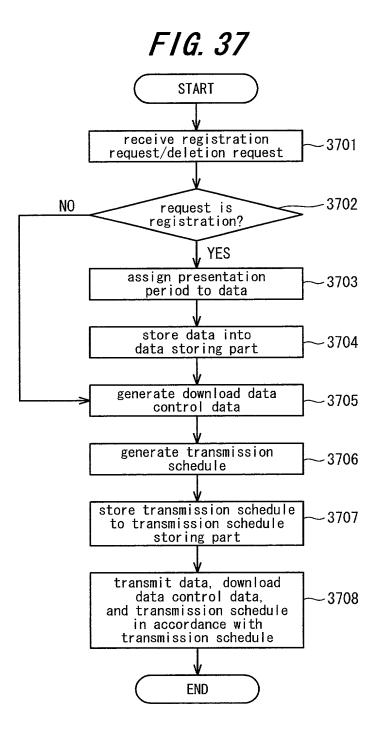
data display data request display 36,15 3614 data storing 3611 displaying part determining storage/ deletion receiving part part part data 3616~ 3613 3612 storing part transmission presetting reception schedule part receiving apparatus 3610 broadcast or communication network transmission schedule storing part 3604 3605 transmission generating schedule part -3601 data registration request data deletion request assigning part 3603 3607 transmitting 3602 data storing presentation receiving period part part data part data F1G. 36 3606 download data control data generating part

determining part

data presentation period 3617

3618

data deleting part



download data control data for the purpose of storing data

path name:/A/B/D
presentation period:
10/10/2001 to 10/31/2001
the number of download
data:4
(repeat) {
download data number:X
download data path name:
/A/B/D/xxx
}

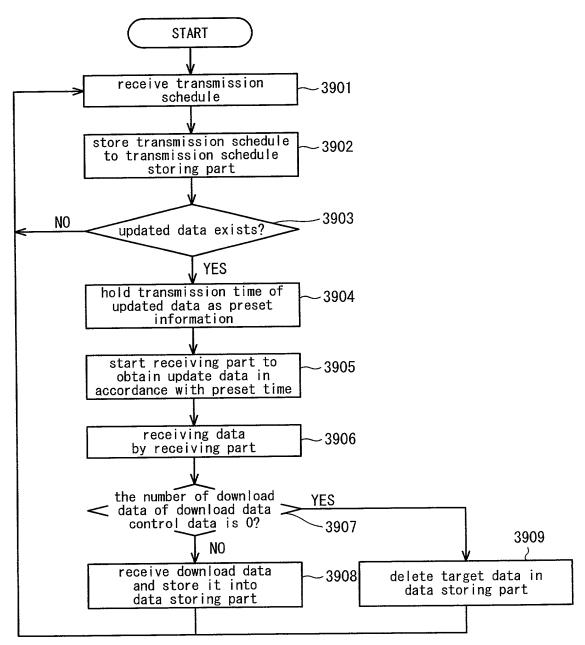
download data

download data number:1 download data path name: /A/B/D/xxx

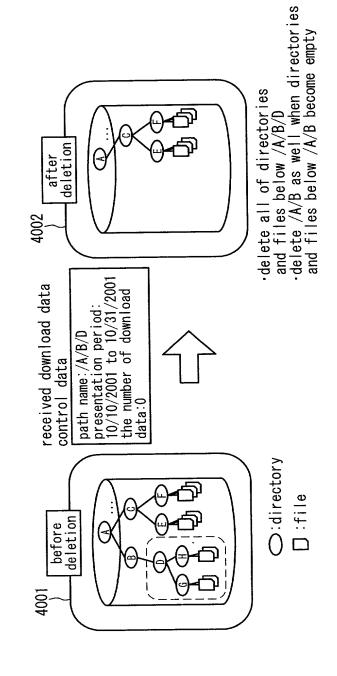
download data number:2 download data path name: /A/B/D/yyy download data control data for the purpose of deleting data

path name:/A/B/D presentation period: 10/10/2001 to 10/31/2001 the number of download data:0

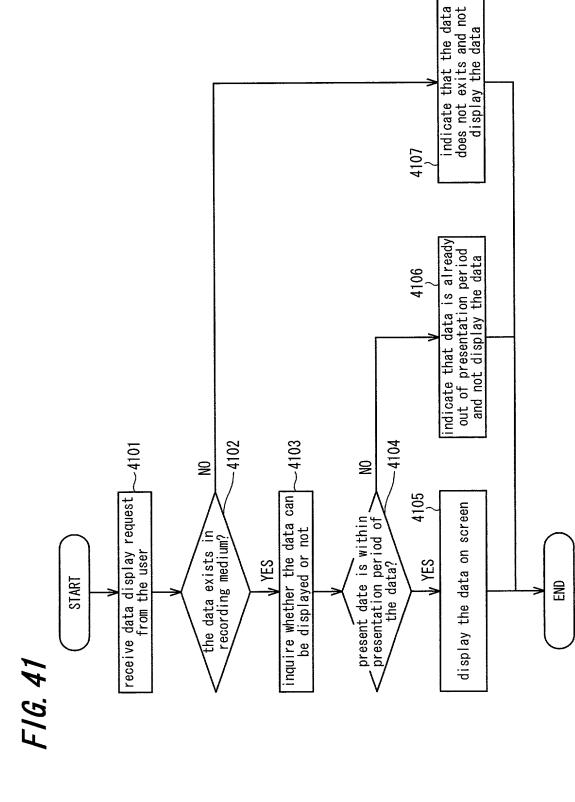
FIG. 39

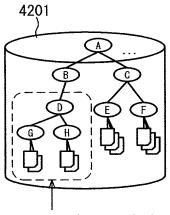


F1G. 40



Ξ ,





display request from the user 10/15/2001, /A/B/D/G/xxx

OK (contents display)

display request from the user 11/01/2001, /A/B/D/G/xxx

Not found (not display contents)

presentation period: 10/10/2001 to 10/31/2001